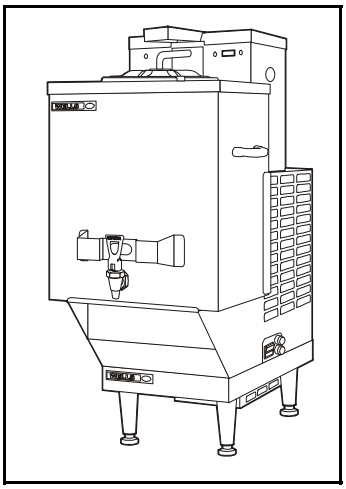
Wells Hot Water Dispenser



The Wells Water-Max™ Hot Water Dispenser is used to dispense hot water for food preparation.

Smallwares

- 1 Gallon Pitcher
- Deliming Solution Bottle
- Plastic Funnel
- Bristle Brush

Operating Guidelines

Exposed surfaces can be hot to the touch and may cause serious burns.

NEVER hold or place anything other than the proper tank under the water input nozzle. Splashing hot water may cause serious burns.

The Wells Hot Water Dispenser is designed to operate with a matching 5-gallon water tank only. Never attempt to operate Water-Max™ without the matching tank under the water input nozzle. Splashing hot water may cause serious burns.

Never attempt to operate the hot water dispenser without the tank lid properly installed on the water tank.

Never attempt to move or carry a water tank full of water.

1 Install the water tank on the Water-Max™ Shelf.

- Make sure that the tank is completely connected and that the connector plug on the tank is set firmly into the socket on Water-Max™.
- Be certain that the water input nozzle has rotated into position in the water tank lid.

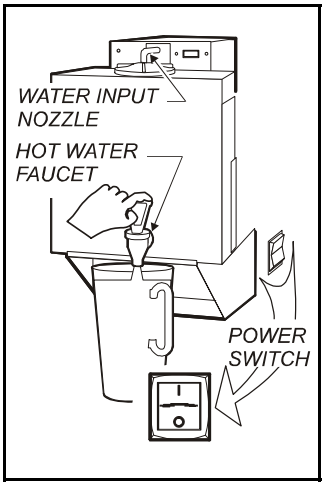
CCP shows the "critical control point". Each step indicated by "CCP must be monitored and documented to ensure safety of the food product.

This "Stop" sign shows a step in the procedure that must be followed exactly or personal safety could be affected.

Daily Operation

1 Fill pitcher.

- Check that power switch is in the *ON* position.
- Place pitcher under water tank faucet.
- Being careful to not overfill the pitcher, pull the faucet handle to dispense hot water.



2 Leave switch in *ON* position.

Note: DO NOT turn the Hot Water Dispenser off at close. The Hot Water Dispenser will maintain a water temperature over 200ºF, and will be ready to dispense hot water.

Cleaning - Daily

1 Wipe down unit

- Spray a clean, sanitizer-soaked towel with TITAN Solution.
- Wipe exterior surfaces.

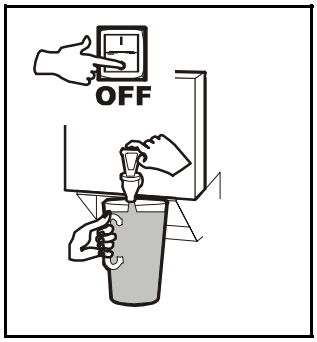
Cleaning - Weekly

CAUTION: Shock Hazard—DO NOT submerge tank in water.

CLEAN TANK

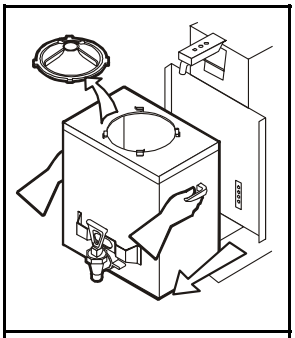
1 Drain tank.

- Press power switch to the *OFF* position.
- Drain all water from tank into pitcher. As each pitcher is full, turn faucet off and dump pitcher of water into sink. It will take about 6 pitchers to completely empty tank.



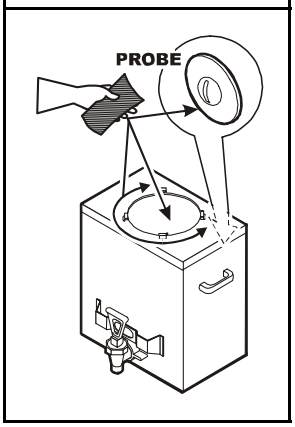
2 **Remove and clean tank.**

- Remove tank from hot water dispenser. Take tank to sink to clean.



3 **Clean probe, lid, nozzle and faucet.**

- Wipe water level probe and top opening of tank with a clean, damp, sanitizer-soaked towel.
- Wash, rinse, and sanitize tank lid in the 3-compartment sink. Allow to air dry.

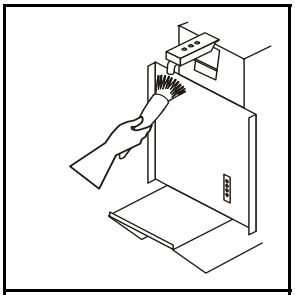


Check operation of faucet.

- Fill the tank with cool tap water. Check the operation of the dispensing faucet.
- If the faucet leaks, see *Problem Solving*.
- Drain tank. Wipe down exterior of the tank with a clean, damp, sanitized towel.

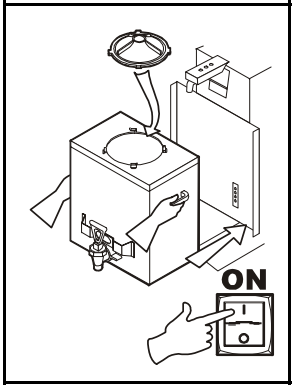
Clean Water-Max™

- Use a soft bristle brush to remove any calcium or lime build-up on the end of the water input nozzle. Wipe water input nozzle with a clean, damp, sanitized-soaked towel.
- Wipe down entire unit with a clean, damp sanitized towel.



Reinstall tank.

- Reinstall tank on Water-Max™ shelf. Press power switch to the *ON* position.



Clean Faucet

Clean faucet if faucet leaks with handle in UP position.

CAUTION Burn Hazard

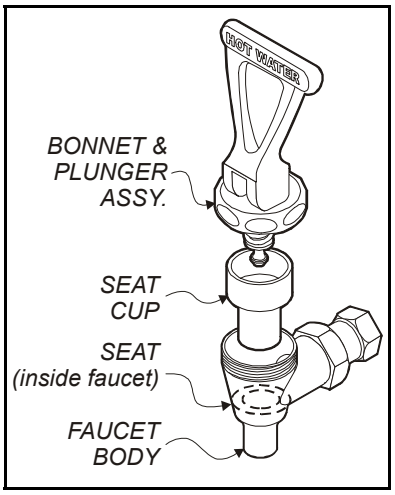
Water in Water-Max™ is EXTREMELY HOT

1 Drain and remove tank.

- Press power switch to the *OFF* position.
- Drain all water from tank into pitcher. As each pitcher is full, turn faucet off and dump pitcher of water into sink.
  It will take approximately 6 pitchers to completely empty tank.
- Remove tank from hot water dispenser.

2 Disassemble.

- Disassemble faucet by unscrewing bonnet. Pull straight up on handle to remove the bonnet assembly.



3 Clean seat & seat cup.

- Clean seat and seat cup by wiping with a clean sanitizer –soaked towel Use a stiff bristle brush to remove any heavy deposits around the seat or inside the faucet body,

4 Reassemble.

- Reassemble and reinstall faucet
- Reinstall tank on Water-Max™ shelf. Press power switch to the *ON* position.

Clean Tank Screen

Clean tank screen if faucet runs slow.

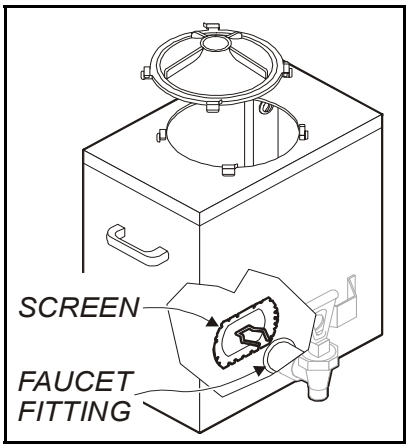
CAUTION Burn Hazard
Water in Water-Max™ is EXTREMELY HOT

1 Drain and remove tank.

- Press power switch to the *OFF* position.
- Drain all water from tank into pitcher. As each pitcher is full, turn faucet off and dump pitcher of water into sink. It will take approximately 6 pitchers to completely empty tank.
- Remove tank from hot water dispenser.
- Remove tank lid

2 Remove and clean screen.

- Clean screen with a bristle brush.



3 Reinstall screen.

- Reinstall screen in faucet fitting.
- Replace lid on tank.
- Reinstall tank on Water-Max™ shelf.
- Press power switch to the *ON* position.

Deliming Water-Max™

Delime Water-Max WEEKLY; and,
Delime Water-Max™ any time the water nozzle temperature is 197ºF or lower, and the DELIME light is flashing.

CAUTION Burn Hazard

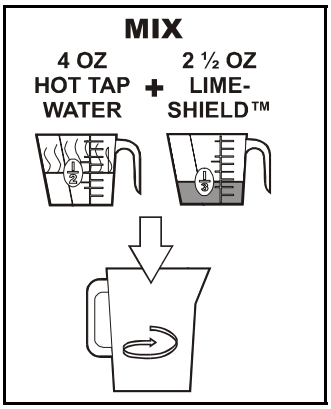
Water in Water-Max™ is EXTREMELY HOT

1 Drain 1 GALLON from TANK.

- Press POWER SWITCH to *OFF*.
- Use plastic pitcher to drain 1 gallon from water tank. Dump pitcher of water into sink.
- Check the SOLUTION BOTTLE. If it is cracked or distorted, replace it with a new bottle.

2 Mix LIMESHIELD™

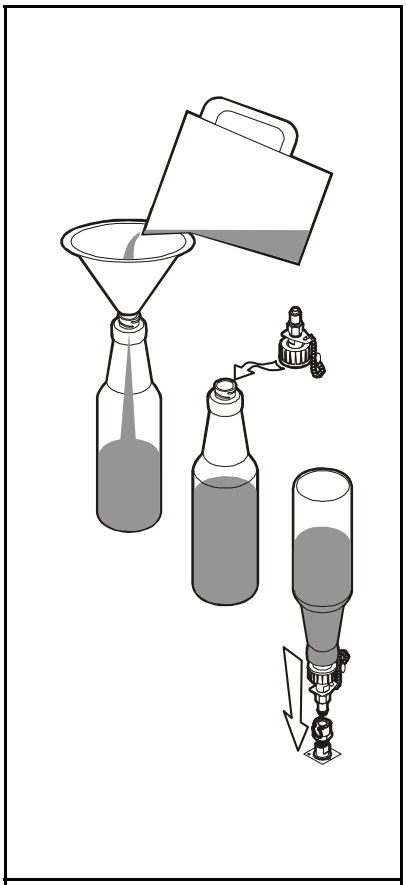
IMPORTANT: Delime with **LIMESHIELD™** Scale and Food Soil Inhibitor only! (PCN 0021023)
A graduated scoop is provided in the LIMESHIELD container.



- Measure 1/2 cup (4 ounces) of hot tap water. Pour this into the 1 gallon pitcher.
- Measure 1/3 cup (2.5 ounces) of LIMESHIELD powder. Pour slowly into the water in the 1 gallon container.
- When foaming stops, swirl solution to insure the LIMESHIELD powder is completely dissolved.

3 **Insert bottle in Water-Max™ quick-disconnect fitting**.

- Use the funnel provided with Water- Max™ to pour the solution into the solution bottle.
- Screw quick-disconnect dispenser cap onto solution bottle. Dispenser cap is chained to the top of Water-Max™.
- The quick-disconnect fitting is located on the left top of Water-Max™. Press the latch until it "clicks" open.
- Turn the solution bottle over. Insert bottle quick-disconnect fitting on the bottle into Water-Max™ quick-disconnect fitting. Press solution bottle down until the latch "clicks", locking the solution bottle in place.

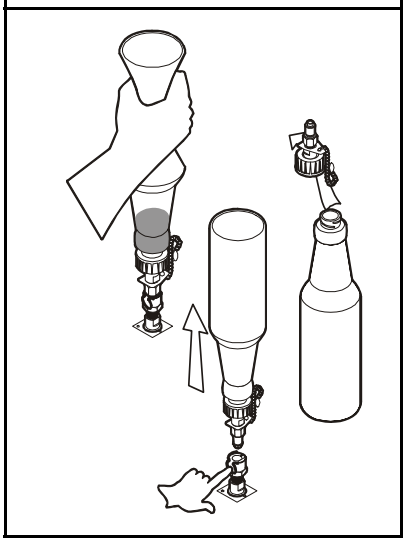


4 **Squeeze solution into Water-Max™.**

- Squeeze solution bottle and force deliming solution into Water-Max™ until empty.

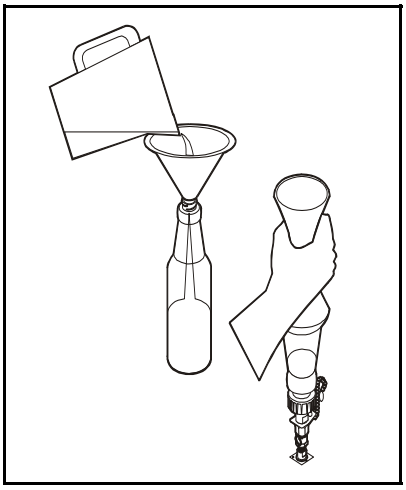
5 **Remove and rinse solution bottle.**

- Press latch on tank quick-disconnect fitting until it "clicks" to release the solution bottle. Lift solution bottle straight up.
- Unscrew quick-disconnect cap allowing solution bottle to return to shape.

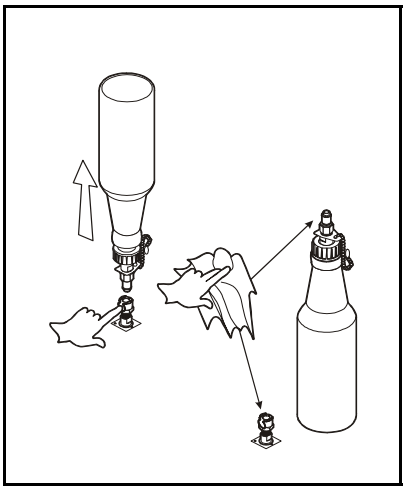


6 Fill bottle with tap water and wait 10 minutes.

- Rinse solution bottle with warm tap water. Fill solution bottle 2/3 full with warm tap water and reattach quick-disconnect cap.
- Wait 10 minutes. Insert solution bottle in quick-disconnect fitting. Push down on bottle until latch "clicks".
- Squeeze bottle, rinsing quick-disconnect fittings and forcing deliming solution into the tank.



- Press the small plunger on the Water- Max™ quick-disconnect to release the latch. While pressing button, lift solution bottle straight up. Press the valve on the solution bottle fitting to allow the bottle to return to shape.



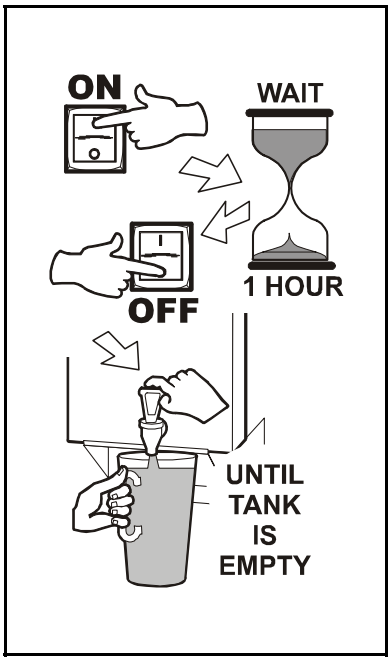
7 Wipe fittings.

- Wipe both quick-disconnect fittings with a soft cloth.

The quick disconnect fittings are now ready for the next deliming session.

8 **Soak tank for 1 Hour and drain.**

- Press power switch to *ON*. Water-Max™ will dispense water and any remaining deliming solution into tank.
- When Water-Max™ stops dispensing, press power switch to *OFF*. Allow Water-Max™ to set for I HOUR with deliming solution in tank.
- After I hour, drain pitchers of water from tank until tank is empty.
- Pour all water and solution from tank into a sink.



CAUTION Shock Hazard - Do NOT submerge tank in water.

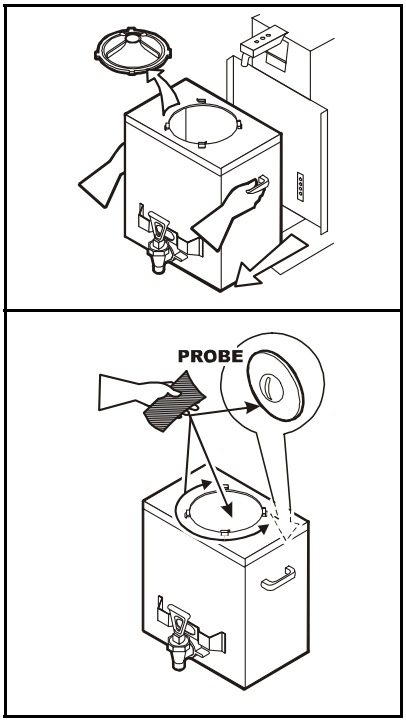
9 **Remove tank and lid.**

- Remove tank from Water-Max™
- Remove tank lid from tank. Wash, rinse, and sanitize tank lid in the 3-compartment sink. Allow to air dry. Store tank lid for later use.

10 **Clean tank**

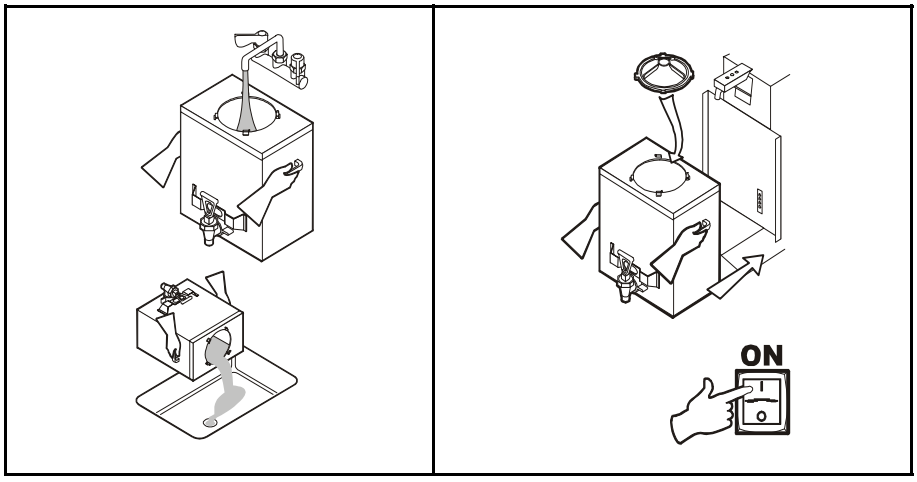
- Using a standard green scrub pad, clean all scale and lime from the tank and water level probe. NOTE: The water level probe is located in the tank, in the back right corner near the top.

If tank comes clean, proceed to tank rinsing below; otherwise see *Overnight Tank Cleaning*.



11 Rinse and reinstall tank.

- Rinse tank thoroughly at least twice. Pour all rinse water into a sink.
- Reinstall tank lid on tank.
- Reinstall tank on Water-Max™ shelf. Make sure tank connector is fully seated in socket.
- Press power switch to *ON*. After a short delay, tank will begin filling.



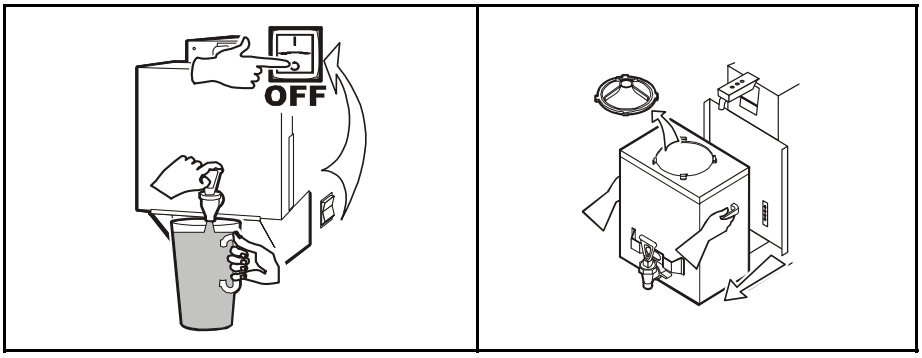
Overnight Tank Cleaning

Perform overnight cleaning if Deliming Procedure does not remove scale and calcium deposits from water tank.

CAUTION Shock Hazard - DO NOT submerge tank in water.

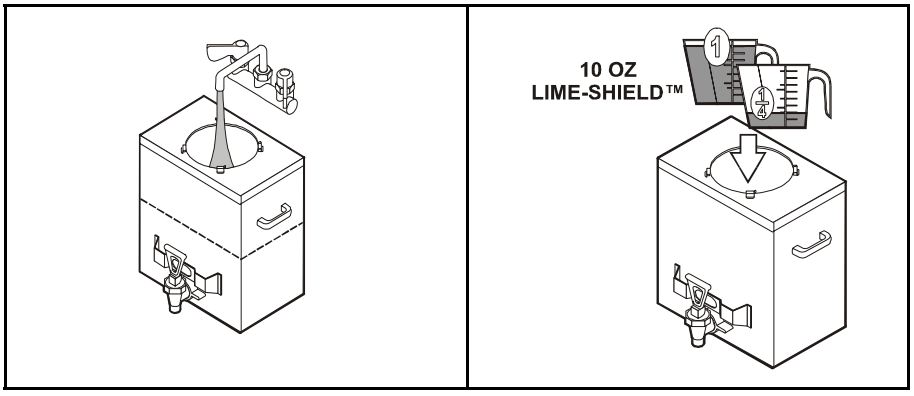
1 Drain & remove tank.

- Press power switch to the *OFF* position.
- Drain and remove tank from Water- Max™
- Remove tank lid from tank. Wash, rinse, and sanitize tank lid in the 3-compartment sink. Allow to air dry. Store tank lid for later use.



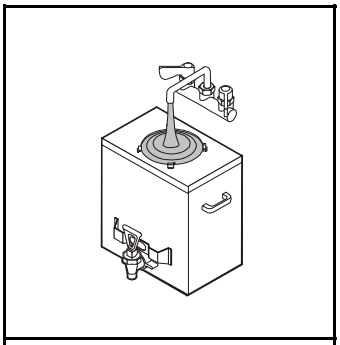
2 Mix LIMESHIELD™ in tank.

- Fill tank half full with hot tap water.
- Pour 1-1/4 cup (10 oz) LIMESHIELD™ powder into tank. Allow to dissolve completely.



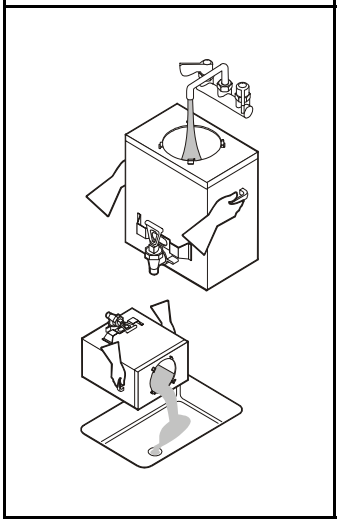
3 Soak overnight.

- When foaming stops, fill tank to rim with hot tap water. Let the solution soak in the tank overnight.
- After soaking in the tank overnight, carefully drain tank. Loosen scale deposits with scrub pad. Remove large scale deposits through top of tank.



4 Rinse twice and reinstall tank.

- Rinse tank thoroughly at least twice. Pour all rinse water into a sink.
- Put tank lid back on tank.
- Reinstall tank on Water-Max™. Make sure tank connector is fully seated in socket.
- Press power switch to *ON*. After a short delay, tank will begin filling.



Problem Solving		
Problem	**Possible Cause**	
Power indicator not lit	• Water-Max™ not connected to power	• Check circuit breaker
	• Power switch *OFF*	• Press POWER switch to *ON*
	• Insufficient water supply	• Check water supply turned *ON* and supplying at least 25 p.s.i.
	• Blown FUSE	• Contact maintenance
Tank indicator not lit	• Tank not properly seated in socket	• Check tank for proper installation
Status Indicator flashing	• ERROR detected - water pressure insufficient	• Check water supply turned *ON* and supplying at least 25 p.s.i.
	• ERROR detected - temperature rise between inlet and outlet insufficient	• Be sure voltage is maintained during all phases of operation
	• Low supply water pressure condition	• Turn power switch *OFF*. Wait 20 seconds. Turn power switch *ON*. If unit resets and status indicator comes on without flashing, error was (probably) a low water condition. Otherwise, contact maintenance.
No water flow from dispense nozzle (power indicator lit, status indicator not flashing)	• Tank is full	• Normal operation
	• Tank is sensed as full, but is actually low	• Clean water level probe
	• Tank not properly installed	• Check tank for proper installation
Inductive heater operates intermittently	• Internal hi-limit tripping	• Be sure all cooling openings and louvers are unobstructed.
	• Cooling fan dirty or obstructed	• Contact maintenance.
Water tank will not heat	• Tank not properly installed (tank indicator not lit)	• Check tank for proper installation
Water faucet leaks	• Debris in faucet seat	• Clean faucet
	• Damaged seat cup	• Contact maintenance.

Problem Solving, cont.		
Problem	**Possible Cause**	
Water temp below 197ºF	• Scale buildup in unit	• Delime unit
Water flow is slow	• Scale buildup in unit	• Clean and/or delime unit
No flow from faucet	• Plugged tank screen	• Clean tank screen

OPERATIONAL NOTES

Water-Max™ will not operate if water pressure is less than 25 p.s.i. If Water-Max™ shuts down (status light flashes) for no apparent reason, other equipment on the water line may be robbing water pressure and/or volume from Water-Max™.

ERROR CODES are displayed on the control board readout, visible through the view port on the upper right side of the dispenser. To reset error code:

- Turn power *OFF*. Wait 20 seconds.
- Turn power *ON*.
- If error code does not reset, contact your **National Service Cooperative at 1-800-298-1862** for the Wells Authorized Service Agency nearest you.

*** Order LIMESHIELD™ Scale and Food Soil Inhibitor using PCN 0021023.**